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Concl.*

608. The combined substrate and dielectric layer component as set forth in claim 490, wherein the pressed ceramic material has a thickness, after sintering, sufficient to prevent dielectric breakdown during operation as determined by the equation $d_2=V/S$, wherein d_2 is the thickness of the dielectric layer and V is the maximum applied voltage.

609. The EL laminate as set forth in claim 490, wherein d_2 is $10\mu\text{m}$ or greater.

610. The EL laminate as set forth in claim 533, wherein the pressed ceramic material has a thickness, after sintering, sufficient to prevent dielectric breakdown during operation as determined by the equation $d_2=V/S$, wherein d_2 is the thickness of the dielectric layer and V is the maximum applied voltage.

611. The EL laminate as set forth in claim 490, wherein d_2 is $10\mu\text{m}$ or greater.--

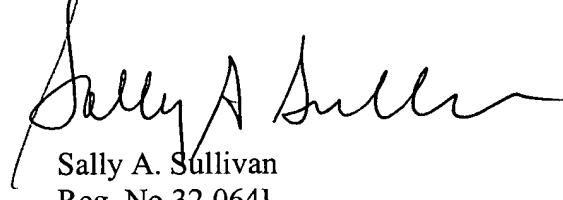
REMARKS

Claim 288 has been amended to replace the phrase "greater than about $10\mu\text{m}$ " with the equation $d_2=V/S$. New claims 603, 605, 607, 609 and 611 have been added to state the thickness of the dielectric layer as $10\mu\text{m}$ or greater. New claims 604, 606, 608 and 610 have been added to state the thickness of the dielectric layer as a function of the formula $d_2=V/S$.

Support for the new claims, and amended claim 288 is in the original application. Original claim 288 relates to the EL laminate, and is amended to replace $10\mu\text{m}$ as the thickness of the dielectric layer with $d_2= V/S$. Page 19 of the specification supports the equation in the amended and added claims. Page 19, lines 24-25 recite that, in general, the combined thickness of the dielectric layer can be as low as about $10\mu\text{m}$, with the phosphor layer thicknesses as high as about $2.5\mu\text{m}$. In view of this statement, Applicants have added new dependent claims that recite the preferred thickness of the dielectric layer as $10\mu\text{m}$.

This amendment adds nine (9) dependent claims. It is believed that fees of \$162 are due for submission of this amendment. If this amount is incorrect, please charge any deficiency or credit any overpayment to deposit account 07-1969.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE TO THE CLAIMS

USSN 09/540,288

288. (Once amended) An EL laminate for use in an AC electroluminescent display, comprising:

a rigid rear substrate;

a patterned phosphor structure comprising:

at least a first and a second phosphor, each emitting light in different ranges of the visible spectrum, but whose combined emission spectra contains red, green and blue light;

said at least first and second phosphors being in a layer, arranged in adjacent, repeating relationship to each other to provide a plurality of repeating at least first and second phosphor deposits; and

one or more means associated with one or more of the at least first and second phosphor deposits, and which together with the at least first and second phosphor deposits, form the red, green and blue sub-pixel phosphor elements, for setting and equalizing the threshold voltages of the red, green and blue sub-pixel phosphor elements, and for setting the relative luminosities of the red, green and blue sub-pixel phosphor elements so that they bear set ratios to one another at each operating modulation voltage used to generate the desired luminosities for red, green and blue;

front and rear column and row electrodes on either side of the phosphor structure, the rows or columns of the front or rear electrode being aligned with the phosphor sub-pixel elements;

a thick film dielectric layer below the patterned phosphor structure formed from a sintered ceramic material having a dielectric constant greater than 500, and having a thickness [greater than about $10 \mu\text{m}$] sufficient to prevent dielectric breakdown during operation as determined by the equation $d_2 = V/S$, wherein d_2 is the thickness of the dielectric layer and V is the maximum applied voltage; and

optionally, optical colour filter means aligned with the red, green and blue phosphor sub-pixel elements for transmitting red, green and blue light emitted from the phosphor sub-